LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022975.D
Acq On : 9 Jul 2016 21:29
Operator : UM/SJ
Sample : H3915-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B3-0-5-C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.039	29	34	48	rBV	3064395	4314666	43.73%	7.822%
2	3.803	161	164	171	rBV	79793	128499	1.30%	0.233%
3	5.225	400	406	412	rBV	118709	188647	1.91%	0.342%
4	5.695	479	486	496	rBV	1892770	3110653	31.52%	5.639%
5	7.305	752	760	769	rBV	2243286	3864035	39.16%	7.005%
6	7.681	816	824	835	rBV	2062185	3478933	35.26%	6.307%
7	8.151	895	904	912	rBV2	343027	638188	6.47%	1.157%
8	8.474	947	959	969	rBV	1383688	2498029	25.32%	4.529%
9	9.320	1095	1103	1113	rBV	1342468	2450653	24.84%	4.443%
10	10.977	1378	1385	1394	rBV	547016	998381	10.12%	1.810%
11	13.415	1791	1800	1808	rBV	3887390	6221210	63.05%	11.278%
12	14.238	1932	1940	1948	rBV	999076	1460050	14.80%	2.647%
13	14.796	2029	2035	2046	rVB2	1039539	1689267	17.12%	3.062%
14	16.288	2282	2289	2301	rBV	3938036	5964991	60.45%	10.814%
15	16.482	2316	2322	2326	rBV2	74874	129344	1.31%	0.234%
16	17.281	2452	2458	2461	rBV2	81947	109372	1.11%	0.198%
17	17.552	2497	2504	2518	rBV	1368451	2241077	22.71%	4.063%
18	18.421	2648	2652	2658	rBV2	240197	334233	3.39%	0.606%
19	19.684	2863	2867	2872	rBV4	128776	160543	1.63%	0.291%
20	20.155	2941	2947	2955	rBV	7296483	9867655	100.00%	17.889%
21	21.453	3164	3168	3177	rBV2	168081	321259	3.26%	0.582%
22	21.847	3227	3235	3249	rVB	1516360	2634204	26.70%	4.775%
23	25.202	3796	3806	3817	rVB2	791514	2357129	23.89%	4.273%

Sum of corrected areas: 55161018

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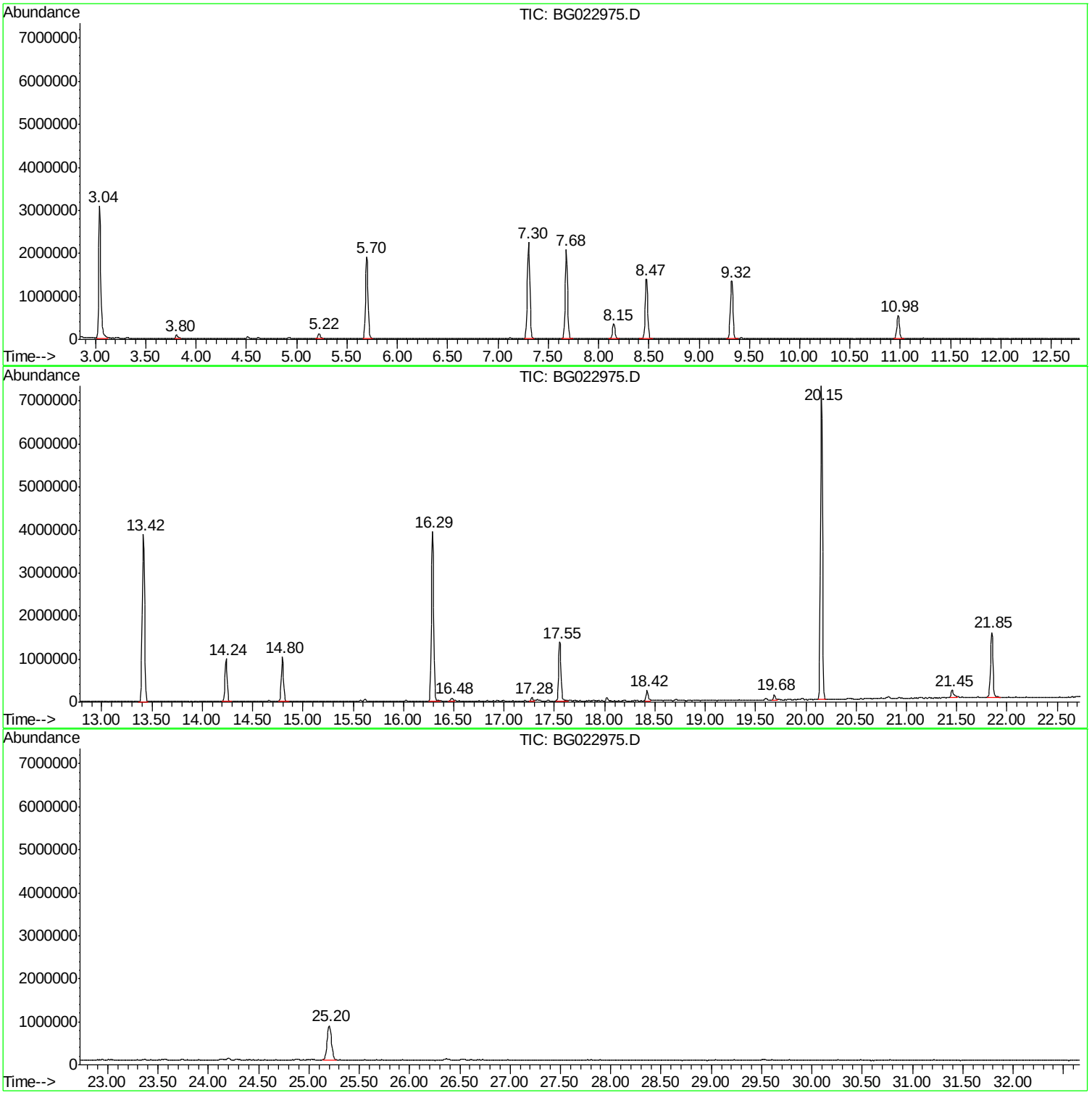
BNA_G
ClientSampleId :
P7-B3-0-5-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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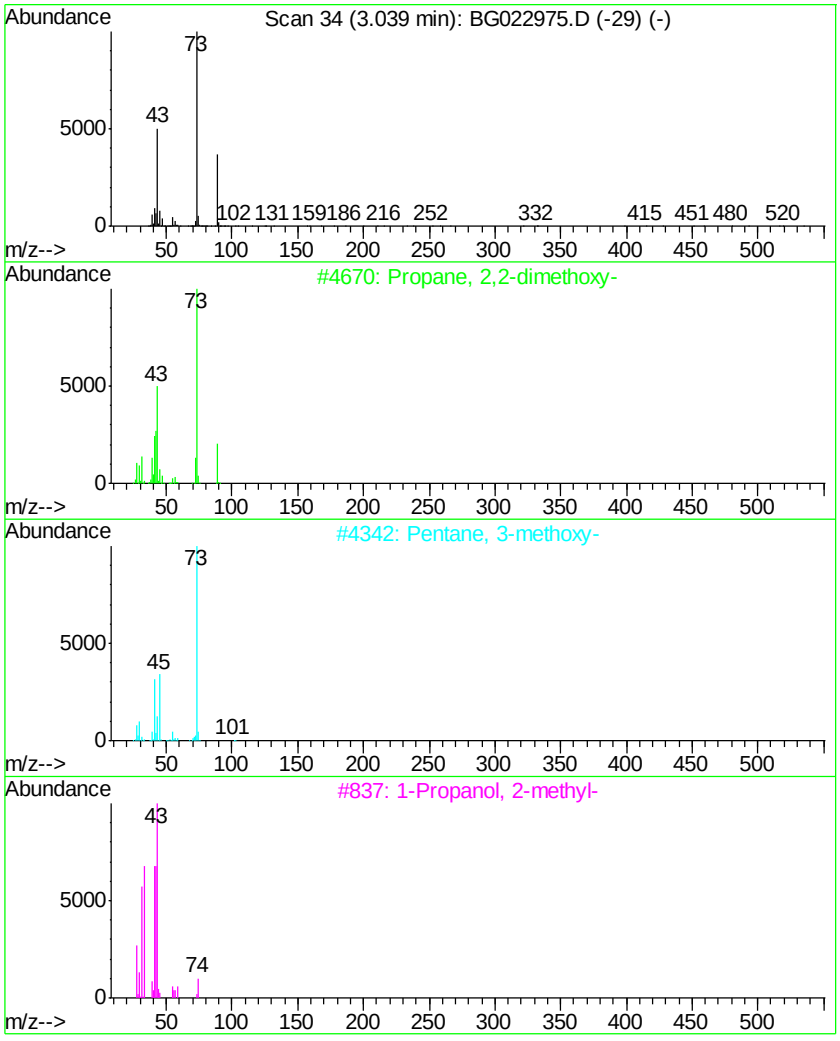
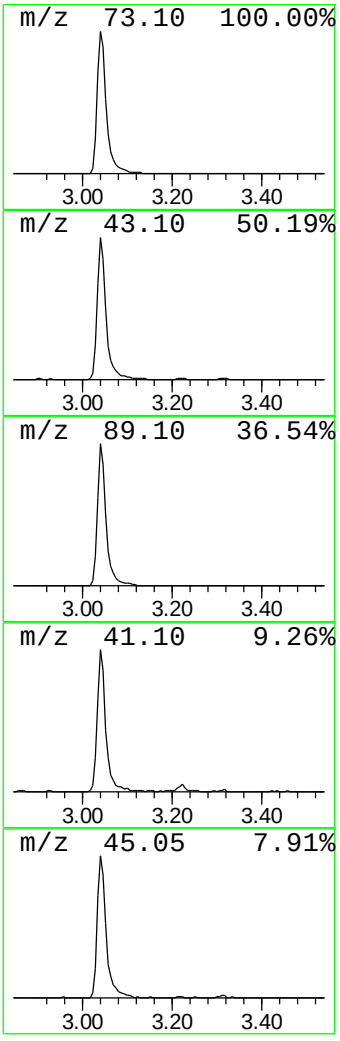
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	135.22 ng	4314670	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022975.D
Acq On : 9 Jul 2016 21:29
Operator : UM/SJ
Sample : H3915-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B3-0-5-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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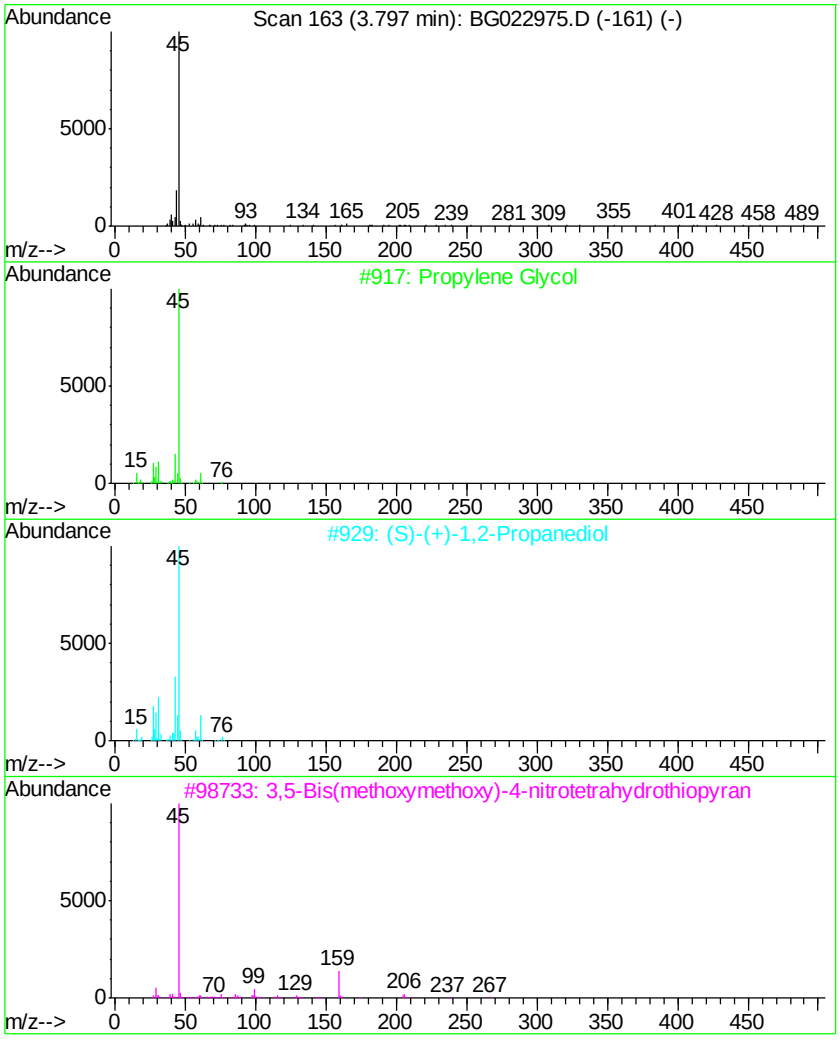
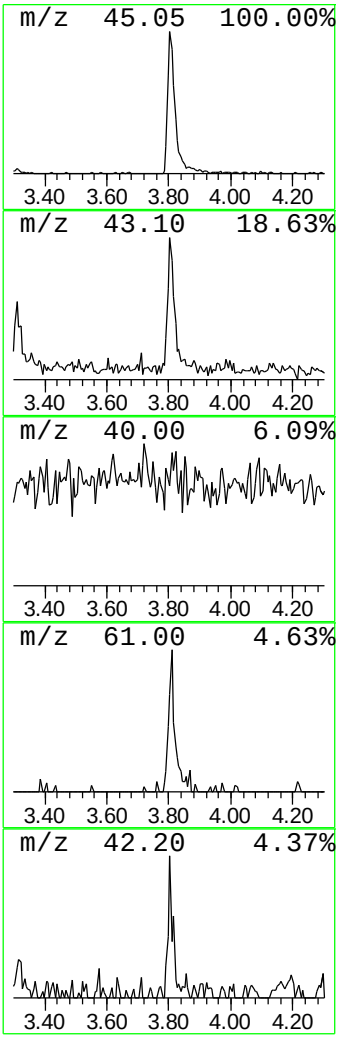
Peak Number 2 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	4.03 ng	128499	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	50
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
3	3,5-Bis(methoxymethoxy)-4-nitrot...	267	C9H17NO6S	1000192-11-3	9
4	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
5	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9





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Data File : BG022975.D
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Operator : UM/SJ
Sample : H3915-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B3-0-5-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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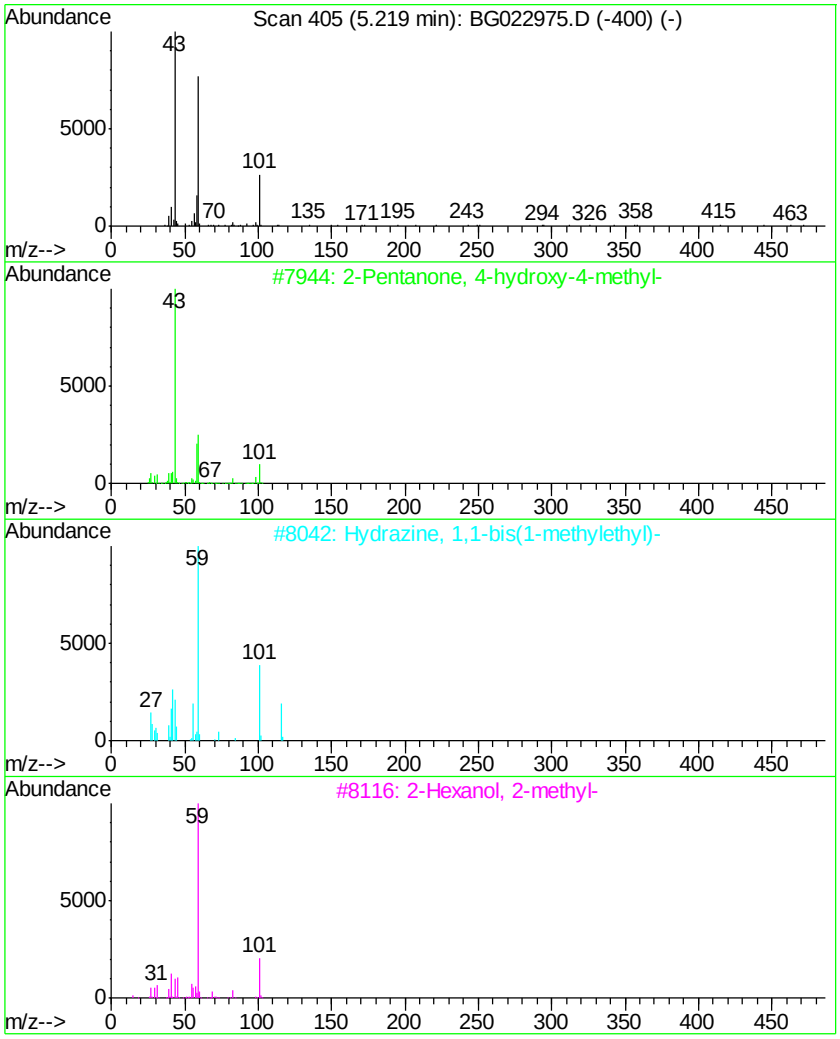
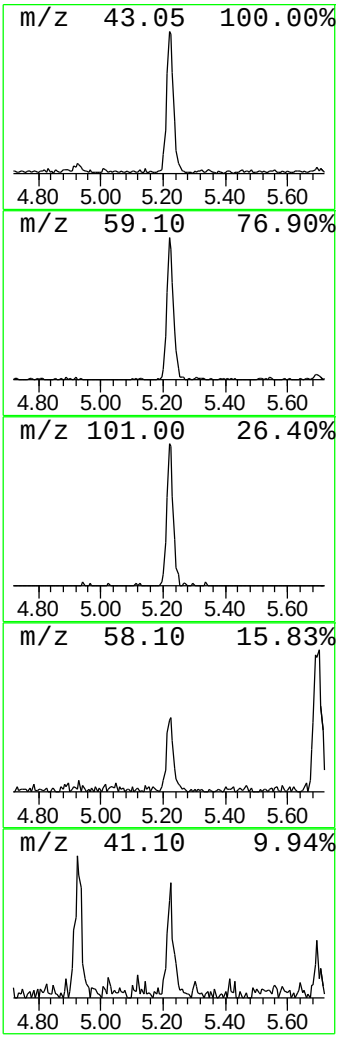
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	5.91 ng	188647	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	43
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	43
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	37
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35





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Operator : UM/SJ
Sample : H3915-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B3-0-5-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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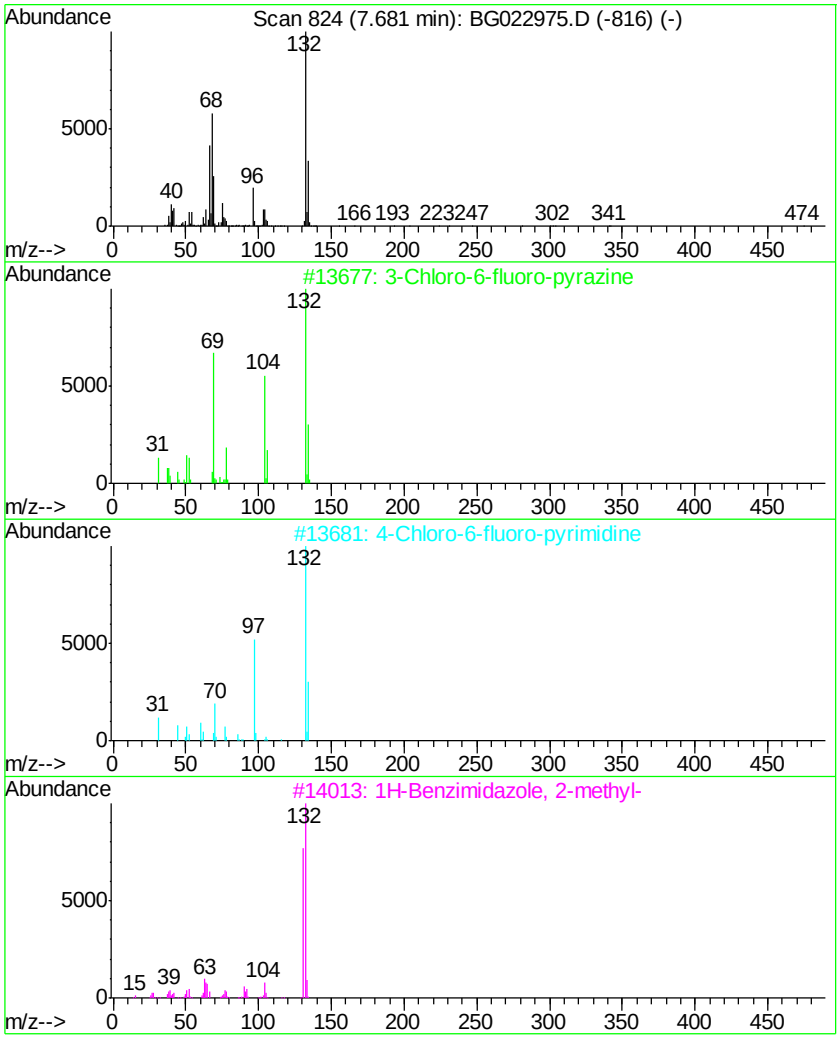
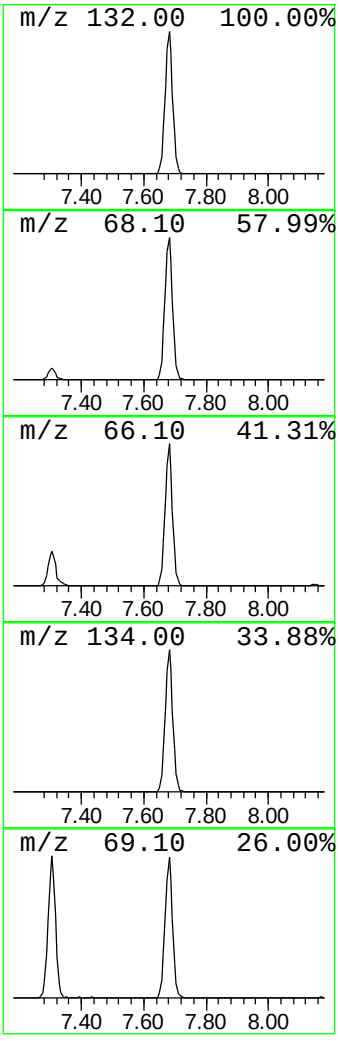
Peak Number 4 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	109.03 ng	3478930	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9





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Sample : H3915-09
Misc :
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Instrument : BNA_G
ClientSampleId : P7-B3-0-5-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
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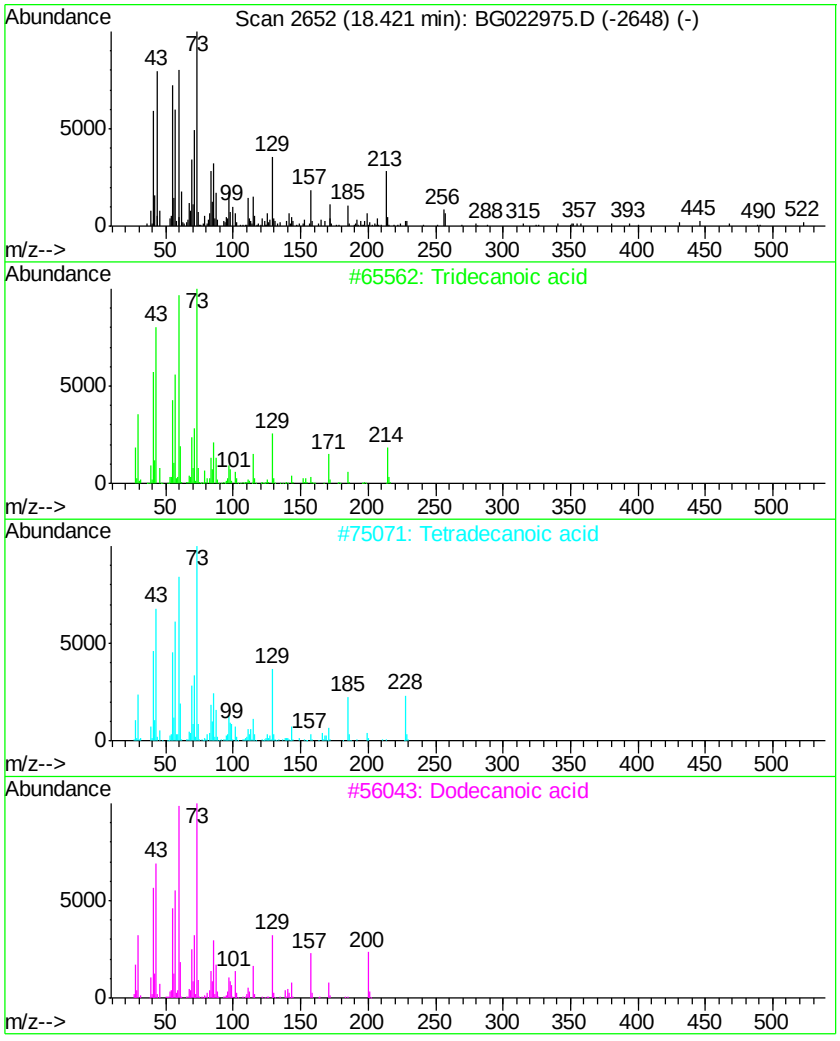
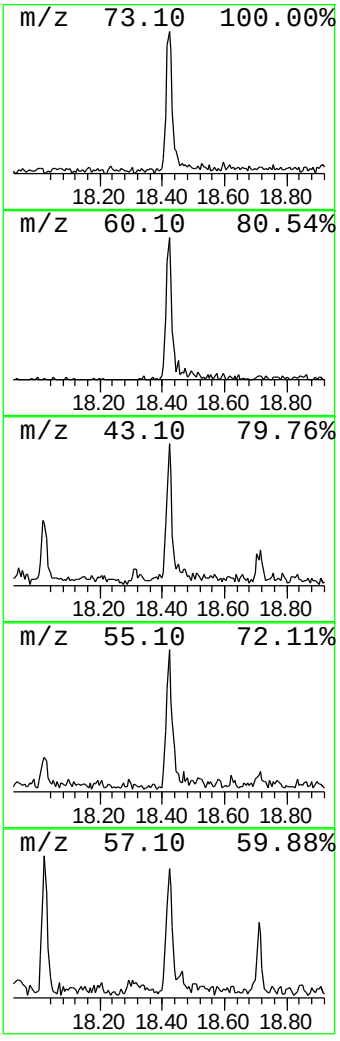
Peak Number 6 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.98 ng	334233	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Dodecanoic acid	200	C12H24O2	000143-07-7	59
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B3-0-5-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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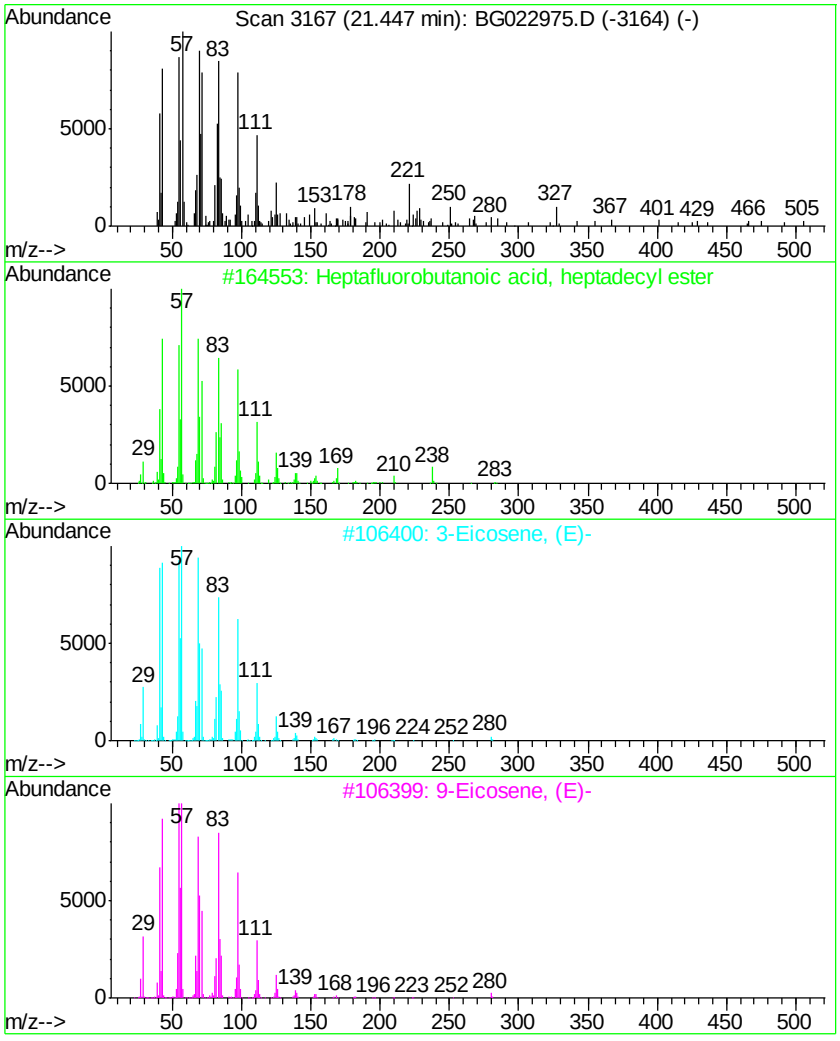
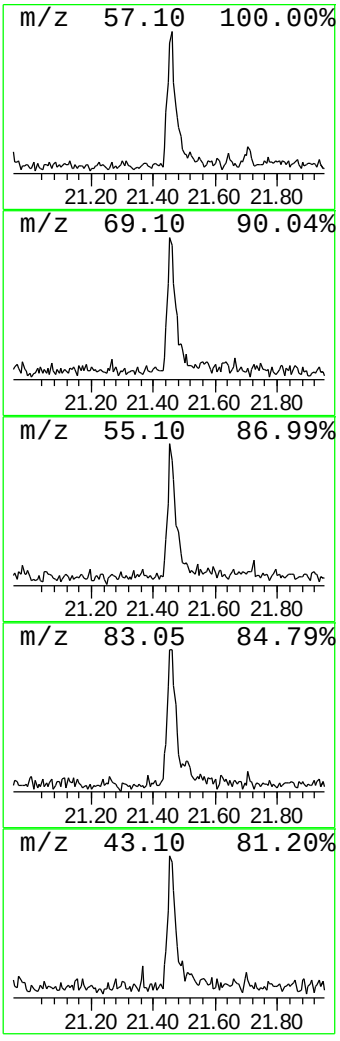
Peak Number 7 Heptafluorobutanoic acid, h... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	2.44 ng	321259	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	135.2	ng	4314670	1	8.16	638188	20.0
Propylene Glycol	3.80	4.0	ng	128499	1	8.16	638188	20.0
2-Pentanone, 4-hy...	5.22	5.9	ng	188647	1	8.16	638188	20.0
unknown7.68	7.68	109.0	ng	3478930	1	8.16	638188	20.0
Tridecanoic acid	18.42	3.0	ng	334233	4	17.55	2241080	20.0
Heptafluorobutano...	21.45	2.4	ng	321259	5	21.85	2634200	20.0